

Technical data

HD 110 P VV



Tandem rollers Series HD

Tandem roller with two vibrating roller drums

H296

HIGHLIGHTS

- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Ergonomic driver platform with rotatable seat operating unit and adjustable driver's seat
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Simple, intuitive and language-neutral operation
- > Excellent view of the machine and the construction site

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TECHNICAL DATA HD 110 P VV (H296)

Weights

Operating weight with cab	kg	10455
Operating weight with ROPS	kg	10235
Empty weight without cab, without ROPS	kg	9410
Max. operating weight	kg	11100
Axle load, front/rear	kg	5270/5185
Static linear load, front/rear	kg/cm	31,37/30,86
French classification, value/class		28,8/VT2

Machine dimensions

Total length	mm	4900
Total height with cab	mm	2980
Total height with ROPS	mm	3099
Total height with plastic protective roof	mm	2990
Height loading, min.	mm	2606
Centre distance	mm	3700
Total width with cab	mm	1807
Maximum working width	mm	1850
Ground clearance, centre	mm	340
Kerb clearance, left/right	mm	800/800
Turning radius, inside	mm	5876

Drum dimensions

Drum width, front/rear	mm	1680/1680
Drum diameter, front/rear	mm	1200/1200
Drum thickness, front/rear	mm	22/22
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	170

Diesel engine

Manufacturer		CUMMINS
Model		QSB3.9-C130-32
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		97/132/2500
Power SAE J1349, kW/HP/rpm		97/130/2500
Exhaust emission standard		UN ECE R96 (Tier 3)
Exhaust emissions category, EU		EU Stage IIIA
Exhaust emissions category, USA		EPA Tier 3
Exhaust emissions category, Brazil		MAR-I
Exhaust gas after-treatment		-

Travel drive

Speed, infinitely variable	km/h	0 - 11,6
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	35/40

Vibration

Vibration frequency, front, level I/II	Hz	42/50
Vibration frequency, rear, level I/II	Hz	42/50

Vibration

Amplitude, front, level I/II	mm	0,86/0,49
Amplitude, rear, level I/II	mm	0,86/0,49
Centrifugal force, front, level I/II	kN	120/99
Centrifugal force, rear, level I/II	kN	120/99

Steering

Steering angle +/-	°	30
Pendulum angle +/-	°	10
Steering, type		Articulated steering

Water-sprinkling system

Water sprinkling, type		Pressure
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Tank capacity/filling capacity

Fuel tank, capacity	L	173
Water tank, capacity	L	760

Sound level

Sound power level L(WA), guaranteed	db(A)	
Sound power level L(WA), representative measurement	db(A)	

EQUIPMENT

12 V power socket | Two large exterior rear-view mirrors | Scrapers foldable | Pressure water sprinkling system | ECO mode | Driver's platform with access from both sides | Speed-controlled water sprinkling | Speed preselect | Automatic traction control and anti-slip control | Vibration-isolated driver's platform | Water-sprinkling system with spray bars front and rear | Track offset, hydraulic | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet | Additive-sprinkling system for tyres, rear

OPTIONAL EQUIPMENT

Heating and air-conditioning system | | Back-up alarm | | Working spotlights | Fuel prefilter | Tool kit